

Species Tag:	47004	Species Name:	HCOOD
Version:	1		Formic acid,
Date:	Jan. 1980		deuterium isotope
Contributor:	R. L. Poynter		on O atom
Lines Listed:	612	Q(300.0)=	9954.052
Freq. (GHz) <	1319	Q(225.0)=	6465.469
Max. J:	20	Q(150.0)=	3519.654
LOGSTR0=	-8.9	Q(75.00)=	1213.109
LOGSTR1=	-7.0	Q(37.50)=	440.555
Isotope Corr.:	-3.824	Q(18.75)=	156.819
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	55.911
$\mu_a$ =	1.396	A=	66100.14
$\mu_b$ =	0.260	B=	11762.577
$\mu_c$ =		C=	9969.943

The experimental measurements were analyzed using the methods described in W. H. Kirchhoff, 1972, J. Mol. Spect. **41**, 333. The measurements were taken from J. Bellet, A. Deldalle, C. Samson, G. Steenbeckeliers, and R. Wertheimer, 1971, J. Mol. Struc. **9**, 65, and R. G. Lerner, B. P. Dailey, and J. P. Friend, 1957, J. Chem. Phys. **26**, 680. The dipole moment was assumed to be the same as for the parent species.